

What is claimed is:

1. A compound 8 to 80 nucleobases in length targeted to a nucleic acid molecule encoding phosphoinositide-3-kinase, regulatory subunit 4, p150, wherein said compound specifically hybridizes with said nucleic acid molecule encoding phosphoinositide-3-kinase, regulatory subunit 4, p150 and inhibits the expression of phosphoinositide-3-kinase, regulatory subunit 4, p150.
2. The compound of claim 1 which is an antisense oligonucleotide.
3. The compound of claim 2 wherein the antisense oligonucleotide comprises at least one modified internucleoside linkage.
4. The compound of claim 3 wherein the modified internucleoside linkage is a phosphorothioate linkage.
5. The compound of claim 2 wherein the antisense oligonucleotide comprises at least one modified sugar moiety.
6. The compound of claim 5 wherein the modified sugar moiety is a 2'-O-methoxyethyl sugar moiety.
7. The compound of claim 2 wherein the antisense oligonucleotide comprises at least one modified nucleobase.
8. The compound of claim 7 wherein the modified nucleobase is a 5-methylcytosine.
9. The compound of claim 2 wherein the antisense oligonucleotide is a chimeric oligonucleotide.
10. A compound 8 to 80 nucleobases in length which specifically hybridizes with at least an 8-nucleobase portion of a preferred target region on a nucleic acid molecule encoding phosphoinositide-3-kinase, regulatory subunit 4, p150.
11. A composition comprising the compound of claim 1 and a pharmaceutically acceptable carrier or diluent.

12. The composition of claim 11 further comprising a colloidal dispersion system.

13. The composition of claim 11 wherein the compound is an antisense oligonucleotide.

14. A method of inhibiting the expression of phosphoinositide-3-kinase, regulatory subunit 4, p150 in cells or tissues comprising contacting said cells or tissues with the compound of claim 1 so that expression of phosphoinositide-3-kinase, regulatory subunit 4, p150 is inhibited.

15. A method of treating an animal having a disease or condition associated with phosphoinositide-3-kinase, regulatory subunit 4, p150 comprising administering to said animal a therapeutically or prophylactically effective amount of the compound of claim 1 so that expression of phosphoinositide-3-kinase, regulatory subunit 4, p150 is inhibited.

16. The method of claim 15 wherein the disease or condition is a hyperproliferative disorder.

17. The method of claim 16 wherein the hyperproliferative disorder is cancer.

18. The method of claim 15 wherein the disease or condition is Chediak-Higashi syndrome.

19. The method of claim 15 wherein the disease or condition is a neurodegenerative disorder.

20. The method of claim 15 wherein the disease or condition is a metabolic disorder.